



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Sunday, December 31, 2017
Issued: 0800 CT

Day 1 Weather Impacts: *Light freezing drizzle possible from NW TX through N-Central TX, S OK, S AR and N LA this morning, shifting into W & Central TX during the day and into W & S-Central TX this evening.*

Light snow possible this morning over the Panhandles, Freezing Fog possible over E NM.

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



Prepared by: Jennifer McNatt
817-978-1100 x 147

Key Points



Today and Monday (New Year's Day)

- Light snow possible this morning over the TX/OK Panhandles; freezing fog over E NM
- Light freezing drizzle possible from NW TX through N-Central TX, S OK, S AR and N LA this morning, shifting into W/Central TX during the day and into W & S-Central TX this evening
 - Although only light accumulations (less than a tenth of an inch) are expected, with increased holiday travel, there may be hazardous driving conditions due to patchy ice, especially on bridges and overpasses
- Some lingering light freezing drizzle is possible Monday from W through Central TX; little to no accumulations expected but with increased holiday travel, some travel disruptions possible
- Very cold temperatures expected Monday morning; single digits over E NM, Panhandles, OK & N AR

Tuesday - Thursday

- No significant weather expected but cold temperatures continue

FEMA Region 6 Threat Matrix

Dec 31, 2017 through Jan 4, 2018



	SUN		TUE	WED	THU
Severe Weather					
Heavy Rain / Flash Flooding					
Fire Weather					
Winter	S OK, S AR, N & Cntrl TX, N LA	W & Central TX	Cold temperatures throughout the Region.		
	Panhandles, E NM				
River Flooding					

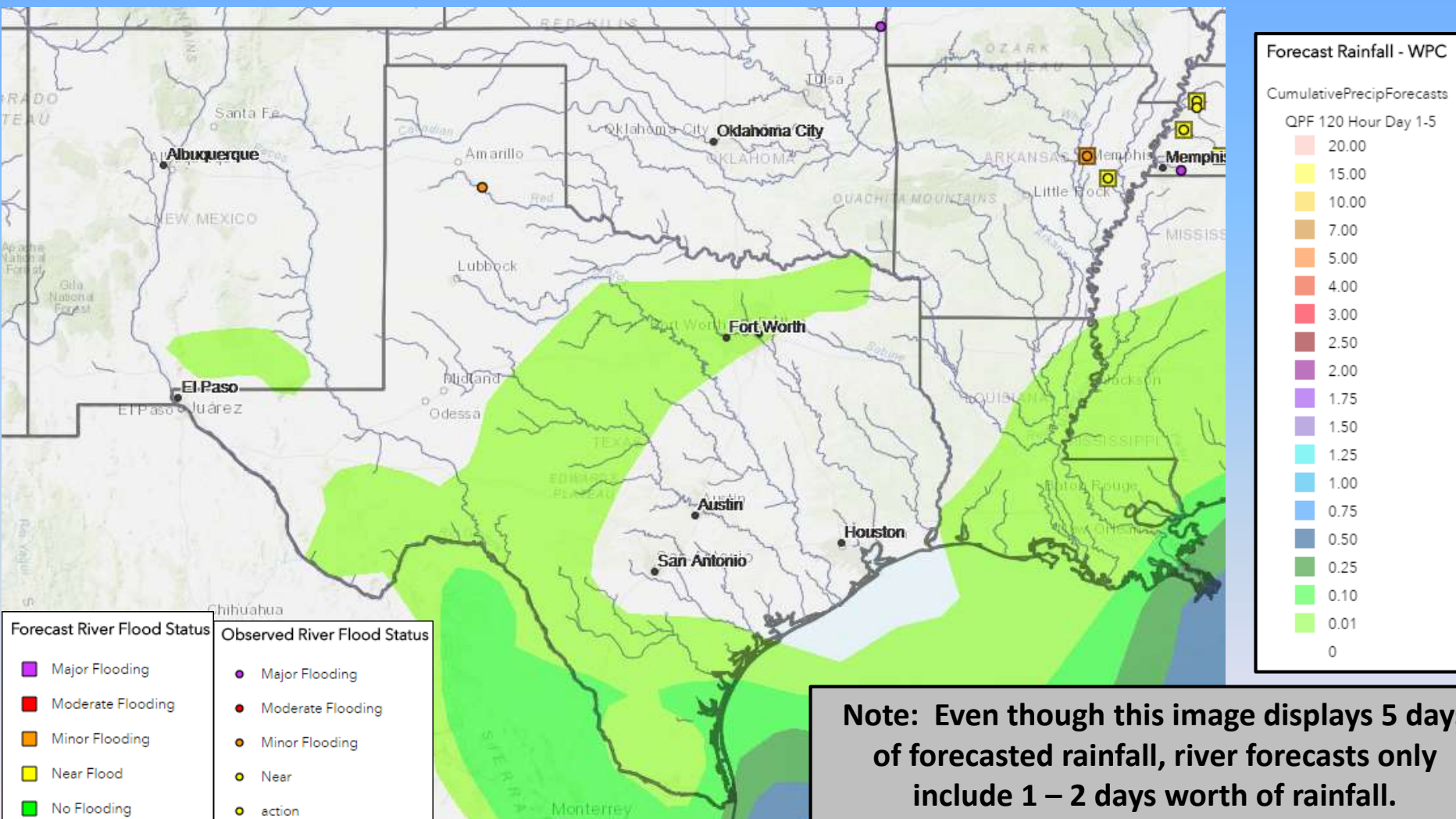
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



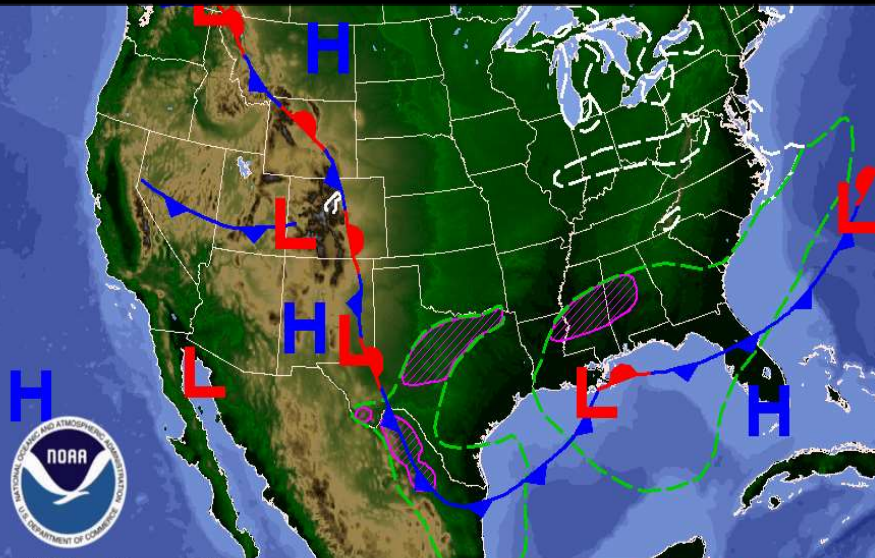
5-Day Precipitation Forecast & River Flood Status

The Cache River at Patterson in NE AR remains in minor flood stage but will continue to slowly fall; no significant impacts. No additional river flooding expected in the next five days.



For the latest on river flooding: <http://water.weather.gov/ahps>

Today's Weather

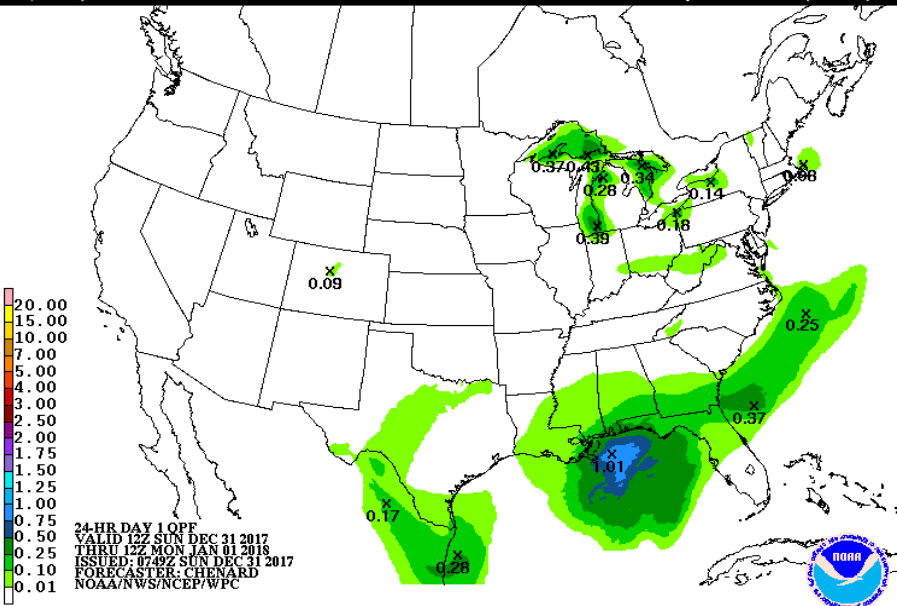


Day 1 National Forecast Chart
Valid Sun, Dec 31, 2017, issued 3:50 AM EST
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Tate with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

Light snow expected in the Panhandles and Freezing Fog over E NM this morning.

Light freezing drizzle possible from NW TX through N-Central TX, S OK, S AR and N LA this morning, shifting into W/Central TX during the day and into W & S-Central TX this evening; little to no accumulations expected but will likely cause travel disruptions due to holiday travel.

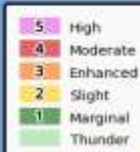


24 HR DAY 1 OPI
VALID 12Z SUN DEC 31 2017
THRU 12Z MON JAN 01 2018
ISSUED: 0749Z SUN DEC 31 2017
FORECASTER: CHENARD
NOAA/NWS/NCEP/WPC

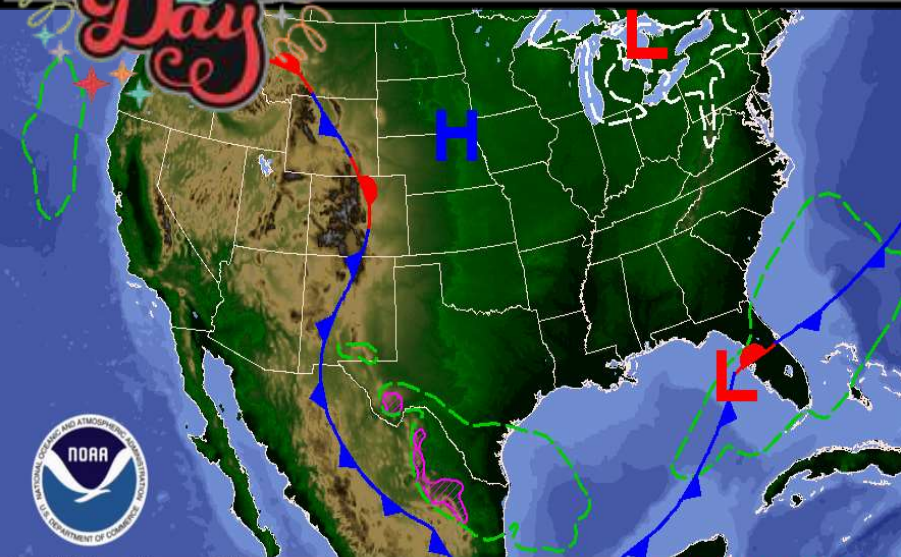


Severe Weather Outlook
Sunday, December 31, 2017

Last Update: Dec 31 2017 0630 AM CST
Valid Until: Jan 01 2018 0600 AM CST



New Year's Day Tomorrow's Weather



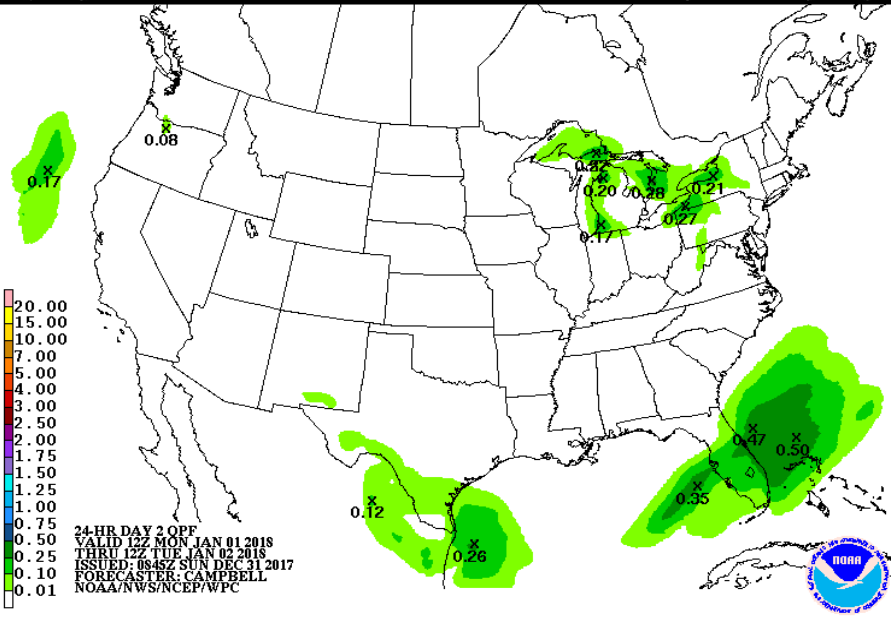
Some lingering light freezing drizzle is possible Monday from W through Central TX; little to no accumulations expected but with increased holiday travel, some travel disruptions possible.

Very cold temperatures expected Monday morning; single digits over E NM, Panhandles, OK & N AR.

Day 2 National Forecast Chart

Valid Mon, Jan 01, 2018, issued 3:53 AM EST Sun, Dec 31, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Tate with WPC/SPC/NHC forecasts

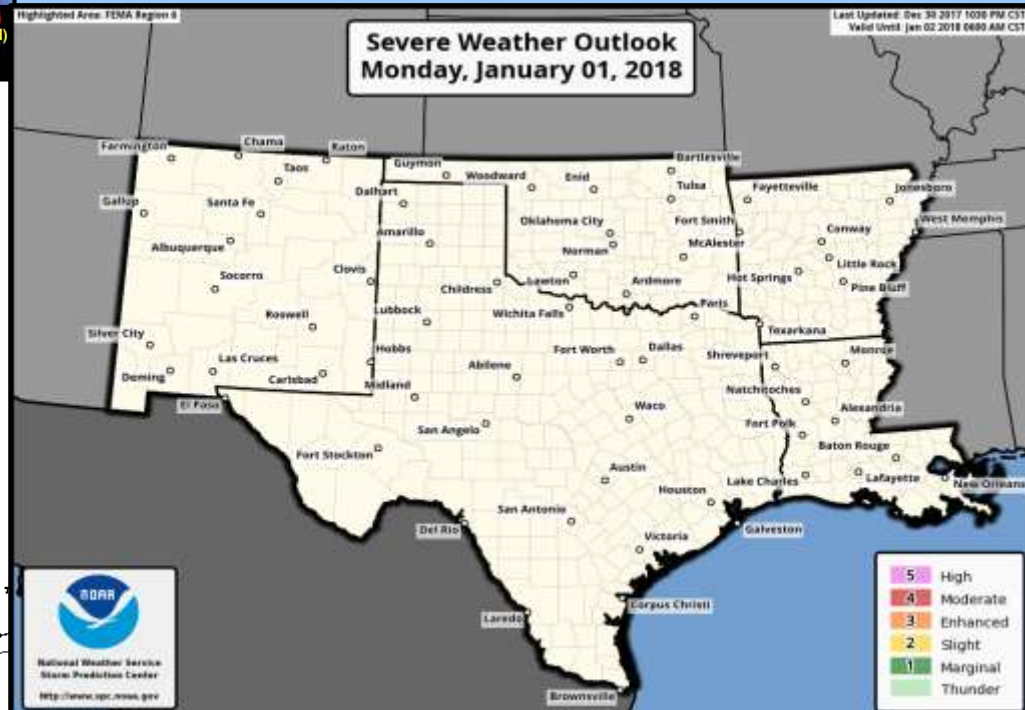
Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



Highlighted Area: FEMA Region 8

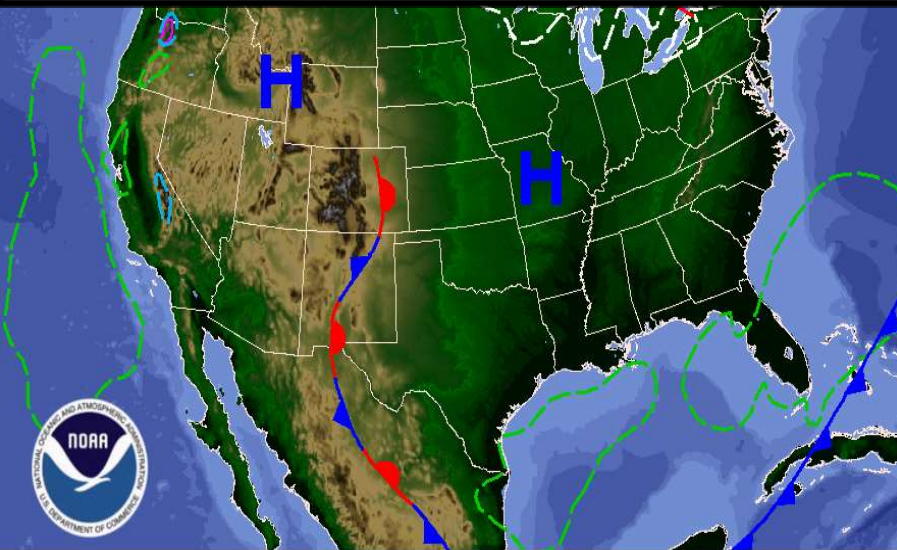
Severe Weather Outlook Monday, January 01, 2018

Last Updated: Dec 30 2017 1030 PM CST
Valid Until: Jan 02 2018 0600 AM CST



Tuesday's Weather

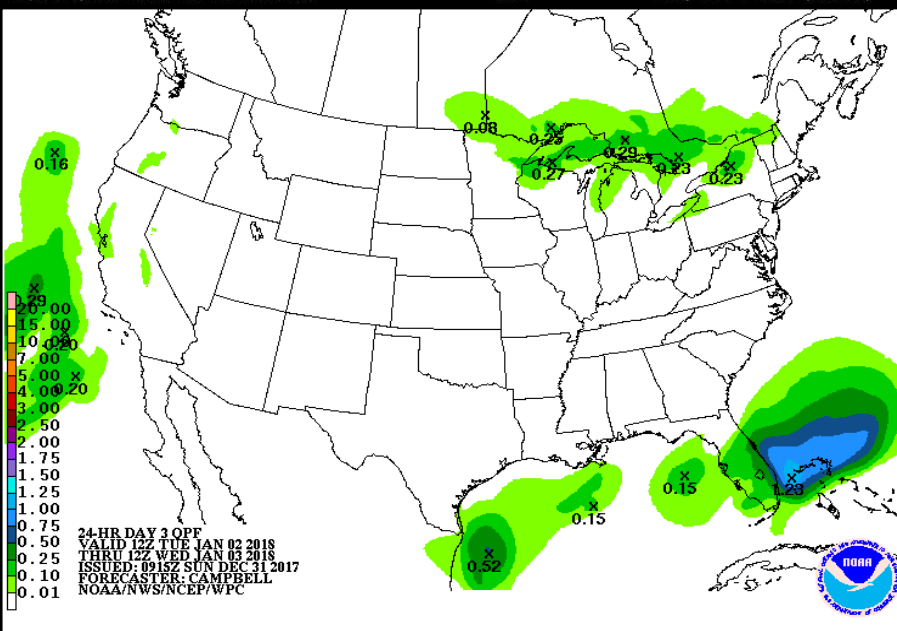
Very cold temperatures expected to start off 2018.



Day 3 National Forecast Chart

Valid Tue, Jan 02, 2018, issued 3:58 AM EST Sun, Dec 31, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Tate with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

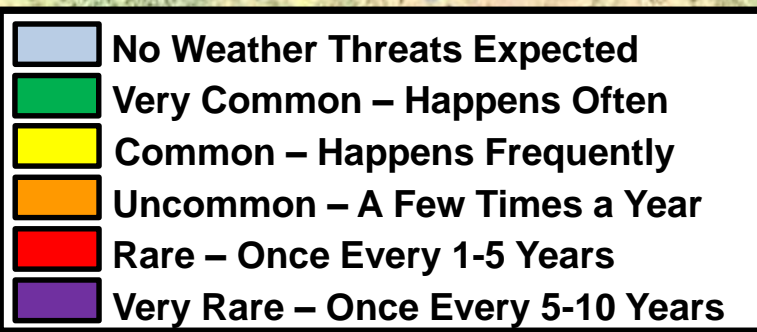


Day 4-5 Weather Hazards

Wednesday - Thursday



**Very cold
temperatures will
continue for much of
the week.**

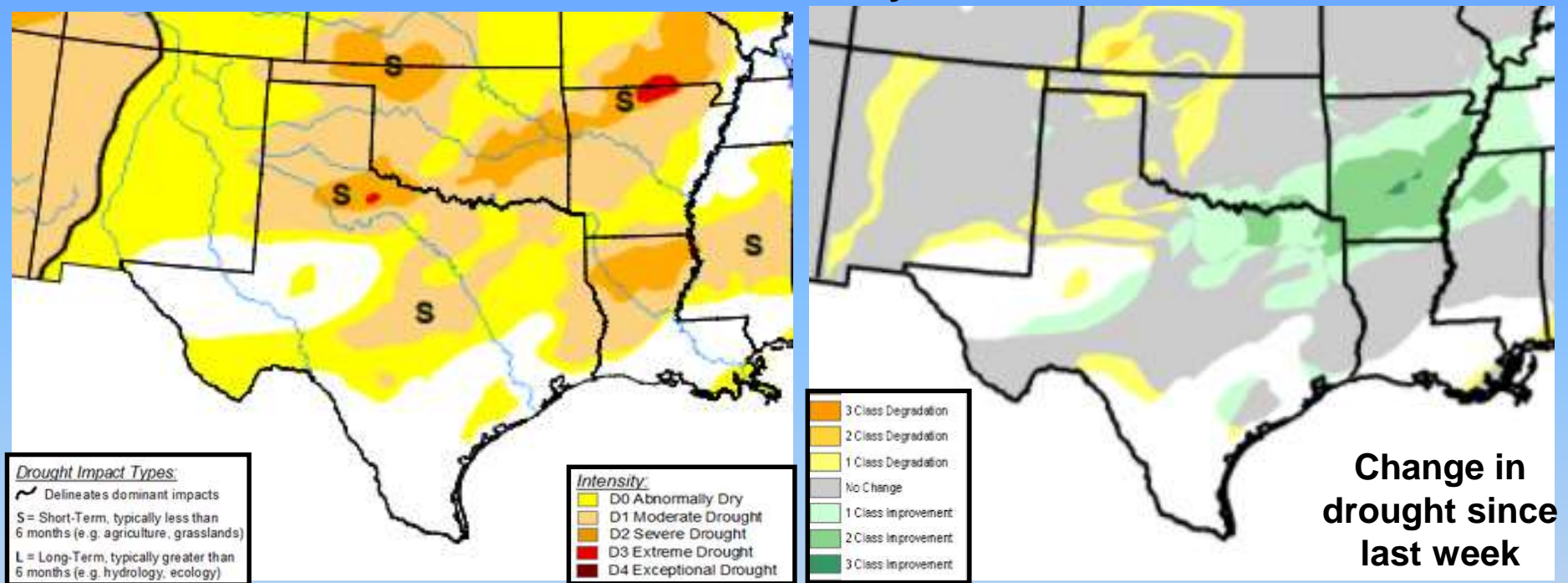


***Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**



Drought Monitor Released December 28, 2017

Data valid as of 6am CST, Tuesday, December 26, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	2.37%	25.31%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	0.00%	1.21%	0.00%	3.14%
Texas	0.11%	0.25%	0.00%	0.04%
New Mexico	0.00%	0.00%	0.00%	0.00%

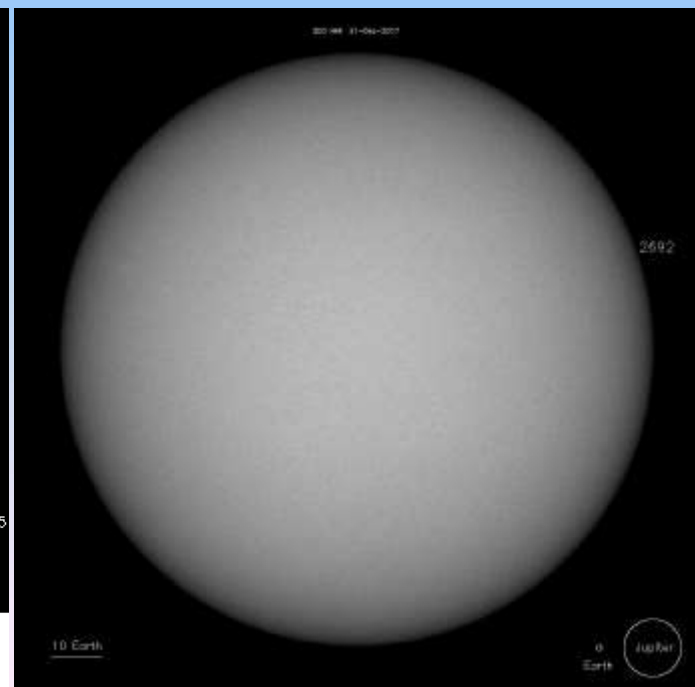
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Sunday	Monday	Tuesday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Minor (G1) Storm (Max Kp = 5)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background
Product Valid At : 2017-12-31 13:05 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

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<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms